

## **AMENDMENTS TO THE SPECIFICATION**

Please replace Paragraph [0030] with the following paragraph rewritten in amendment format:

**[0030]** A controller 40 communicates with the compressor 22, the injector 30 and the metering device 34. ~~As such, metering device 34 may be generally controlled independently of any feedback from suction inlet 26.~~ The controller 40 regulates the relative humidity of the gas supplied to the cathode side of the fuel cell stack 12. The controller 40 controls the amount of air injected into the compressor 22. The controller 40 controls the compression pressure of the compressor 22 based on the amount of injected water to enable complete vaporization of the water. The compression pressure can be determined in a number of manners including a look-up table or a calculation based on the amount of water injected into the compressor 22. Further, the controller 40 adjusts the metering device 34 to control the rate of flow of the feedback gas to the suction inlet 26.